

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

**INTELLECTUAL PROPERTY LAW**  
**8110 GATEHOUSE ROAD**  
**SUITE 500 EAST**  
**FALLS CHURCH, VA 22042-1210**  
**USA**

(703) 205-8000

FAX: (703) 205-8050  
(703) 698-8590 (G IV)

e-mail: [mailroom@bskb.com](mailto:mailroom@bskb.com)  
web: <http://www.bskb.com>

**CALIFORNIA OFFICES:**  
**COSTA MESA, CALIFORNIA**  
**LOS ANGELES, CALIFORNIA**

SCOTT L. LOWE  
PAUL C. LEWIS  
RICHARD J. GALLAGHER  
MARYANNE ARMSTRONG, PH.D.  
KECIA J. REYNOLDS  
KALPANA REDDY  
MARK E. OLDS  
ESTHER H. CHONG  
CATHERINE M. VOISINET\*  
EUGENE T. PEREZ  
CAROLYN T. BAUMGARDNER\*  
JOHN P. KEADY, PH.D.  
MARTIN R. GEISSLER\*  
J. ALISON GRABELL\*  
T. BENJAMIN SCHROEDER, PH.D.  
PERCY L. SQUARE  
CLINT A. GERDINE  
CRAIG A. McROBBIE

**REG. PATENT AGENTS:**  
FREDERICK R. HANDREN  
MAKI HATSUMI  
GARTH M. DAHLEN, PH.D.  
ROBERT E. GOOZNER, PH.D.  
KRISTI L. RUPERT, PH.D.  
MATTHEW T. SHANLEY  
SUSAN W. GORMAN, PH.D.  
ROBERT W. DOWNS  
CHAD J. BILLINGS  
CHRISTINE V. CASTILLO  
CARL T. THOMSEN  
SAM BHATTACHARYA

13281 U.S. PAT. & TM. OFF. 07/25/03  
BRELL C. BIRCH  
ANDREW C. STEWART  
JOSEPH A. KOLASCH  
JAMES M. SLATTERY  
MICHAEL K. MUTTER  
CHARLES GORENSTEIN  
ALD M. MURPHY, JR.  
LEONARD R. SVENSSON  
ANDREW D. MEIKLE  
MARC S. WEINER  
JOE MCKINNEY MUNCY  
ROBERT J. KENNEY  
JOHN W. BAILEY  
MARK J. NUELLE, PH.D.  
JAMES T. ELLER, JR.  
D. RICHARD ANDERSON  
THOMAS M. SMALL\*  
ROBERT A. SELDON\*  
JOHN A. SCILLIERI\*  
SANFORD ASTOR\*

**OF COUNSEL:**  
HERBERT M. BIRCH (1905-1996)  
BERNARD L. SWEENEY\*  
ELLIOT A. GOLDBERG\*  
WILLIAM L. GATES\*  
EDWARD H. VALANCE  
RUPERT J. BRADY (RET.)\*  
F. PRINCE BUTLER  
FRED S. WHISENHUNT (RET.)  
JAMES W. HELLWEGE  
QUENTIN R. "Rick" CORRIE  
ROBERT F. GNUSE  
DAVID R. MURPHY  
PHILIP K. YU\*

\*ADMITTED TO A BAR OTHER THAN VA.

Date: July 25, 2003

Docket No.: 1248-0663P

**MS PATENT APPLICATION**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Kunihiro IIZUKA

For: CORRELATOR AND RECEIVER INCLUDING THE SAME

Enclosed are:

- ☒ A specification consisting of thirty-four (34) pages
- ☒ Ten (10) sheet(s) formal drawings
- ☒ An assignment of the invention
- ☐ Applicant claims small-entity status under 37 C.F.R. § 1.27
- ☐ Applicant does not claim priority
- ☒ Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). 2002-218779 filed in Japan on July 26, 2002.
- ☒ Certified copy(ies) is(are) attached hereto.
- ☐ Certified copy(ies) will follow.

22240 U.S. PTO  
10/626578

07/25/03

- ☐ Amend the specification by inserting before the first line thereof the following:
- a. ☐ --This nonprovisional application claims priority under 35 U.S.C. § 119(a) on Patent Application No(s).  
filed in \_\_\_\_\_ on \_\_\_\_\_, which is(are) herein incorporated by reference.--
- b. ☐ --This nonprovisional application claims priority under 35 U.S.C. § 119(e) on U.S. Provisional Application No(s).  
filed on \_\_\_\_\_, which is(are) herein incorporated by reference.--
- ☒ Executed Declaration (☒ Original ☐ Photocopy)
- ☐ Application Data Sheet in accordance with 37 C.F.R. § 1.76
- ☒ Preliminary Amendment
- ☒ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Other:
- ☐ Applicant requests early publication - \$300.00 publication fee
- ☐ Non-publication Request and Certification under 35 U.S.C. § 122(b) (2) (B) (i)

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$750.00	\$375.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL CLAIMS	20- 20 =	0	X 18 = \$0.00	x 9 = \$0.00
INDEPENDENT CLAIMS	4- 3 =	1	x 84 = \$84.00	x 42 = \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$280.00	+ \$140.00
TOTAL			\$834.00	\$0.00

- ☒ A check in the amount of \$874.00 to cover the filing, extra claims, and recordation fees is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- ☒ Please send correspondence to:  
BIRCH, STEWART, KOLASCH & BIRCH, LLP **or** Customer No. 02292  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17, particularly extension of time fees.

Respectfully submitted,  
BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  #19382  
Charles Gorenstein, #29,271

**1248-0663P**  
Attachments  
CG:DKD:rk

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000